

IN THE SPECIFICATION

At page 40, lines 4-15:

(Currently Amended) For the preparation of the polycsterdiols preference is given to the unsubstituted ϵ -caprolactone, in which m has the value 4 and all R^4 substituents are hydrogen. The reaction with lactone is started by low molecular mass polyols such as ethylene glycol, 1,3-propanediol, 1,4-butanediol or dimethylcyclohexane. It is, however, also possible to react other reaction components, such as ethylenediamine, alkylidialkanolamine or else urea, with caprolactone. Further suitable high molecular mass diols include polylactamdiols, prepared by reacting, for example, ϵ -caprolactam with low molecular mass diols.

At page 42, line 12 to page 43, line 10:

(Currently Amended) Examples of suitable compounds of this kind are those which contain two isocyanate-reactive groups in the molecule. Suitable isocyanate-reactive groups are, in particular, hydroxyl groups, and also primary and/or secondary amino groups. Accordingly, it is possible, for example, to use alkanolic acids having two substituents on the α carbon atom. The substituent may be a hydroxyl group, an alkyl group or, preferably, an alkylol group. These alkanolic acids have at least one, in general from 1 to 3, carboxyl groups in the molecule. They have from 2 to about 25, preferably from 3 to 10, carbon atoms. Examples of suitable alkanolic acids are dihydroxypropionic acid, dihydroxysuccinic acid and dihydroxybenzoic acid. One particularly preferred group of alkanolic acids are the α,α -dimethylolalkanoic acids of the general formula $R^{10}-C(CH_2OH)_2COOH$, in which R^{10} stands for a hydrogen atom or an alkyl group having up to about 20 carbon atoms. Examples of especially suitable alkanolic acids are 2,2-dimethylolacetic acid, 2,2-dimethylolpropionic acid, 2,2-dimethylolbutyric acid and 2,2-dimethylolpentanoic acid. The preferred dihydroxyalkanoic acid is 2,2-dimethylolpropionic acid. Examples of compounds containing amino groups are α,α -diaminovaleric acid, 3,4-diaminobenzoic acid, 2,4-diaminotoluenesulfonic acid and 2,4-diaminodiphenyl ether sulfonic acid.